

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE
Group Art Unit _____

In re

Patent Application of

Arnold E. Ruoho, et al.

Application No. 10/688,221

Confirmation No.: _____

Filed: October 16, 2003

Examiner: _____

"BACTERIORHODOPSIN/G PROTEIN-
COUPLED RECEPTOR CHIMERAS"

INFORMATION DISCLOSURE STATEMENT
PURSUANT TO 37 CFR §1.97(b)

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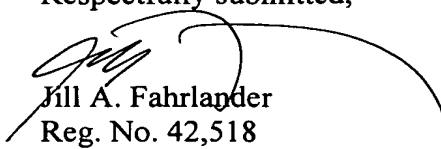
Sir:

The Examiner's attention is directed to the references which are listed on the attached Form PTO/SB/08A and/or PTO/SB/08B. The instant application relies upon U.S. Serial No. 09/389,835, filed September 3, 1999, for an earlier filing date under 35 U.S.C. § 120. Pursuant to 37 C.F.R. §1.98(d), copies of documents previously submitted to, or cited by, the Office in U.S. Serial No. 09/389,835 are not being submitted. A copy of each reference identified by an "*" is enclosed.

Citation of these references is respectfully requested.

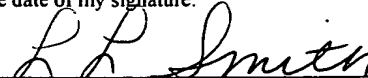
No concession is made that these documents are prior art, and Applicants expressly reserve the right to antedate the documents as may be appropriate.

Respectfully submitted,

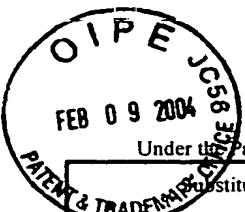

Jill A. Fahrlander
Reg. No. 42,518

File No. 96429-9146
Michael Best & Friedrich LLP
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I, Leslie Lindsay Smith, hereby certify that this correspondence is being deposited with the US Postal Service as first class mail in an envelope addressed to Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450, on the date of my signature.


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INFORMATION DISCLOSURE STATEMENT BY APPLICANT <i>(use as many sheets as necessary)</i>				Complete if Known	
				Application Number	10/688,221
				Filing Date	October 16, 2003
				First Name Inventor	Arnold E. Ruoho
				Group Art Unit	
Examiner Name					
Sheet	1	of	1	Attorney Docket Number	96429-9146

U.S. PATENT DOCUMENTS				
Examiner Initials		U.S. Patent Document Number	Name of Patentee or Applicant of Cited Document	Date of Publication of Cited Document
		* 5,641,650	Turner et al.	6/24/97

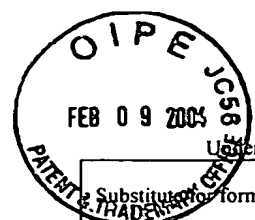
FOREIGN PATENT DOCUMENTS							
Examiner Initials		Country Code	Foreign Patent Document Number	Name of Patentee or Applicant of Cited Document	Date of Publication of Cited Document	Translation	English Abstract

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		Examiner Name	
Sheet 1 of 2	Attorney Docket Number	96429-9146	

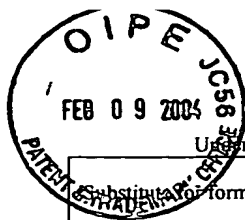
OTHER PRIOR ART - NON PATENT LITERATURE DOCUMENTS

Examiner Initials		Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, pages(s), volume-issue numbers(s), publisher, city and/or country where published.
		HALL, A. "G Proteins and Small GTPases: Distant Relatives Keep in Touch" <i>Science</i> , V 280:2074 (1998).
		HART, <i>et al.</i> , "Direct Stimulation of the Guanine Nucleotide Exchange Activity of p115 RhoGEF by $G\alpha_{13}$ " <i>Science</i> V 280:2212 (1998).
		KOZASA, <i>et al.</i> , "p115 RhoGEF, a GTPase Activating Protein for $G\alpha_{12}$ and $G\alpha_{13}$ " <i>Science</i> V 280:2109 (1990).
		* BAIS, <i>et al.</i> , <i>Nature</i> , 391:86 (1998).
		* KREBS, <i>et al.</i> , <i>PNAS USA</i> , 90(8):3486-3490 (1993).
		* KREBS, <i>et al.</i> , <i>PNAS USA</i> , 90(5):1987-1991 (1993).
		* KREBS, <i>et al.</i> , <i>Biochemistry</i> , 38:9023-9030 (1999).
		* PREZEAU, <i>et al.</i> <i>J. Biol. Chem.</i> 274(19):13462-9 (1999).
		* OLDENHOF, <i>et al.</i> , <i>Biochemistry</i> 37:15726-36 (1998).
		* ALONSO-LLAMAZARES, <i>et al.</i> , <i>Brain Research Bulletin</i> 42:427-30 (1997).
		* PALCZEWSKI, <i>et al.</i> , <i>J. Biol. Chem.</i> 266(20):12949-12955 (1991).

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Sheet	2	of	2

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		* ROBB, <i>et al.</i> , <i>Archaea: A Laboratory Manual</i> , Cold Spring Harbor, Appendix 4, 191-194 (1995).
		* MARTIN, <i>et al.</i> , <i>J. Biol. Chem.</i> 271(1): 361-366 (1996).
		POPOT, <i>et al.</i> , <i>Current Opinion in Biotechnology</i> 6:394-402 (1995).
		HOFLACK, <i>et al.</i> , <i>Trends in Pharm. Sci.</i> 15:7-9 (1994).
		SHI, <i>et al.</i> , <i>J. Biol. Chem.</i> 270(5):2112-2119 (1995).
		OKAMOTO, <i>et al.</i> , <i>Cell</i> , 67:723-730 (1991).
		TEUFEL, <i>et al.</i> , <i>EMBO J.</i> 12:3399-3409 (1993).
		KENAKIN, <i>T Pharmacological Reviews</i> 48(3) 413-463 (1996).
		PARDO, <i>et al.</i> , <i>PNAS</i> 89:4009-4012, (1992).
		SOHLEMANN, <i>et al.</i> , <i>Naunyn Schmiedebergs Archives of Pharmacy</i> 355(2) 150-160 (1997).

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